

FORM PTO-1449  
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.:  
47004.000059

SERIAL NO.:  
09/506,434

LIST OF MATERIALS CITED BY APPLICANT

INVENTOR'S NAME:  
R. Acharya et al.

EXAMINER:  
Unknown

FILING DATE:  
Feb. 18, 2000

GROUP:  
2768

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE
JBS	A	5	7	4	8	7	8	0	5/5/98	Stolfo et al.	382	232	6/14/94
JBS	B	5	8	9	8	1	5	7	4/27/99	Mangili, et al.	235	380	2/28/97
JBS	C	5	9	2	0	8	4	7	7/6/99	Kolling, et al.	705	40	10/7/96
JBS	D	5	9	5	2	6	3	9	9/14/99	Ohki, et al.	235	379	12/5/96
JBS	E	5	9	7	8	7	8	0	11/2/99	Watson	705	40	11/21/97
JBS	F	5	9	6	6	6	9	8	10/12/99	Pollin	705	34	4/1/96
JBS	G	5	2	3	7	1	5	9	8/17/93	Stephens, et al.	364	401	7/17/91
JBS	H	5	3	7	3	5	5	0	12/13/94	Campbell, et al.	379	100	10/13/92
JBS	I	5	5	8	3	7	5	9	12/10/96	Geer	395	245	7/27/95
JBS	J	5	0	5	3	6	0	7	10/1/91	Carlson, et al.	235	379	6/6/89
JBS	K	5	1	7	5	6	8	2	12/29/92	Higashiyama, et al.	364	408	12/14/90
JBS	L	5	8	3	2	4	6	3	11/3/98	Funk	705	35	3/28/96
JBS	M	5	8	3	2	4	6	4	11/3/98	Houvener, et al.	705	45	8/21/96
JBS	N	5	8	9	7	6	2	5	4/27/99	Gustin, et al.	705	43	5/30/97
	O												
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	Q												
	R												
	S												
	T												
	U												

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	V												

OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# 8

**FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(REV. 7-80) PATENT AND TRADEMARK OFFICE**

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INVENTOR'S NAME:

Ravi ACHARYA, et al.

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TBA

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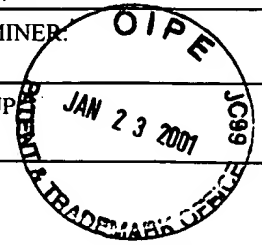
February 18, 2000

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**U.S. PATENT DOCUMENTS Technology Center 2100**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
JOS	U1	4,617,457	10.14.86	Granzow, et al.	235	379	12.19.83
JOS	U2	5,122,950	6.16.92	Benton, et al.	364	408	11.2.89
JOS	U3	5,321,238	6.14.94	Kamata, et al.	235	379	7.9.91
JOS	U4	5,373,550	12.13.94	Campbell, et al.	379	100	10.13.92
JOS	U5	5,444,794	8.22.95	Uhland	382	137	8.25.93
JOS	U6	5,583,759	12.10.96	Geer	395	245	7.27.95
JOS	U7	5,590,196	12.31.96	Moreau	380	18	10.6.94
JOS	U8	5,592,377	1.7.97	Lipkin	395	242	3.9.95
JOS	U9	5,602,936	2.11.97	Green, et al.	382	140	2.27.95
JOS	U10	5,832,463	11.3.98	Funk	705	35	3.28.96
JOS	U11	5,832,464	11.3.98	Houvener, et al.	705	45	8.21.96
JOS	U12	5,870,725	2.9.99	Bellinger, et al.	705	45	8.11.95
JOS	U13	5,897,625	4.27.99	Gustin, et al.	705	43	5.30.97
JOS	U14	5,930,778	7.27.99	Geer	705	45	7.11.96
JOS	U15	5,940,844	8.17.99	Cahill, et al.	707	526	5.5.95
JOS	U16	5,987,439	11.16.99	Gustin, et al.	705	43	5.30.97
JOS	U17	6,038,553	3.14.00	Hyde, Jr.	705	45	9.19.97
JOS	U18	6,041,315	3.21.00	Pollin	705	45	6.19.97
JOS	U19	6,105,011	8.15.00	Morrison, Jr.	705	45	3.19.98
	U20	3,896,266	7.22.75	Waterbury	179	1	6.2.72
	U21	4,321,672	3.23.82	Braun, et al.	364	408	11.26.79
	U22	4,396,985	8.2.83	Ohara	364	405	1.9.81
	U23	4,523,297	6.11.85	Ugon, et al.	364	900	9.7.84
	U24	4,672,377	6.9.87	Murphy, et al.	340	825.34	9.9.85
	U25	4,700,055	10.13.87	Kashkashian, Jr.	235	379	10.15.85
	U26	4,797,913	1.10.89	Kaplan, et al.	379	91	8.4.87
	U27	4,799,156	1.17.89	Shavit, et al.	364	401	10.1.86
	U28	4,812,628	3.14.89	Boston	235	380	3.27.87
	U29	4,823,264	4.18.89	Deming	364	408	3.27.86
	U30	4,916,296	4.10.90	Streck	235	454	3.23.89
	U31	4,988,849	1.29.91	Sasaki, et al.	235	379	4.8.88
	U32	4,999,617	3.12.91	Uemura, et al.	340	706	12.19.88
	U33	5,023,904	6.11.91	Kaplan, et al.	379	91	10.12.89
	U34	5,047,614	9.10.91	Bianco	235	385	8.8.89

NOTE: REFERENCES U20 - U140, P1 & P2 HAVE NOT BEEN PROVIDED FOR THE EXAMINER  
AND HAVE THEREFORE NOT BEEN CONSIDERED BY THE EXAMINER AT THIS TIME.  
PLEASE SUBMIT OR RE-SUBMIT SAME.

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(REV. 7-80) PATENT AND TRADEMARK OFFICE

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47004.000059

INVENTOR'S NAME:  
Ravi ACHARYA, et al.

FILING DATE:

February 18, 2000

SERIAL NO.:  
09/506,434

EXAMINER:  
TBA

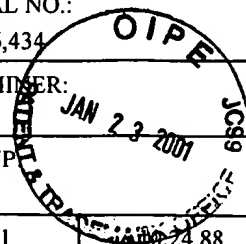
GROUP

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U35	5,054,096	10.1.91	Beizer	382	41	10.24.88
U36	5,111,395	5.5.92	Smith, et al.	364	408	11.3.89
U37	5,225,978	7.6.93	Petersen, et al.	364	408	1.25.89
U38	5,237,620	8.17.93	Deaton, et al.	382	7	5.19.92
U39	5,241,161	8.31.93	Zuta	235	382	11.29.91
U40	5,249,044	9.28.93	Von Kohorn	358	86	5.5.92
U41	5,252,815	10.12.93	Pernet	235	441	10.8.91
U42	5,262,860	11.16.93	Fitzpatrick, et al.	358	142	4.23.92
U43	5,283,829	1.1.94	Anderson	380	24	10.1.92
U44	5,287,269	2.15.94	Dorrough, et al.	364	408	9.9.90
U45	5,308,959	5.3.94	Cherry	235	379	1.12.93
U46	5,311,594	5.10.94	Penzias	380	23	3.26.93
U47	5,339,239	8.16.94	Manabe, et al.	364	401	10.11.90
U48	5,350,906	9.27.94	Brody, et al.	235	379	11.25.92
U49	5,367,581	11.22.94	Abel, et al.	382	64	3.31.93
U50	5,380,991	1.10.95	Valencia, et al.	235	383	11.16.93
U51	5,396,417	3.7.95	Burks, et al.	364	401	11.1.91
U52	5,396,650	3.7.95	Terauchi	455	38.2	7.16.92
U53	5,402,474	3.28.95	Miller, et al.	379	93	4.11.94
U54	5,412,190	5.2.95	Josephson, et al.	235	379	2.26.93
U55	5,420,405	5.20.95	Chasek	235	379	2.26.93
U56	5,424,938	6.13.95	Wagner, et al.	364	408	10.13.92
U57	5,438,186	8.1.95	Nair, et al.	235	449	6.17.94
U58	5,444,616	8.22.95	Niar, et al.	364	405	6.16.94
U59	5,446,740	8.29.95	Yien, et al.	370	110.1	12.17.93
U60	5,450,134	9.12.95	Legate	348	467	1.12.93
U61	5,465,206	11.7.95	Hilt, et al.	364	406	11.1.93
U62	5,479,494	12.26.95	Clitherow	379	144	10.5.92
U63	5,479,532	12.26.95	Abel, et al.	382	137	3.31.93
U64	5,483,445	1.9.96	Pickering	364	406	10.21.93
U65	5,484,988	1.16.96	Hills, et al.	235	379	6.9.94
U66	5,488,571	1.30.96	Jacobs, et al.	364	705.07	11.22.93
U67	5,504,677	4.2.96	Pollin	364	408	10.15.92
U68	5,506,394	4.9.96	Plesko	235	472	10.28.93
U69	5,508,731	4.16.96	Kohorn	348	1	2.25.93
U70	5,513,250	4.30.96	McAllister	379	91	10.13.94

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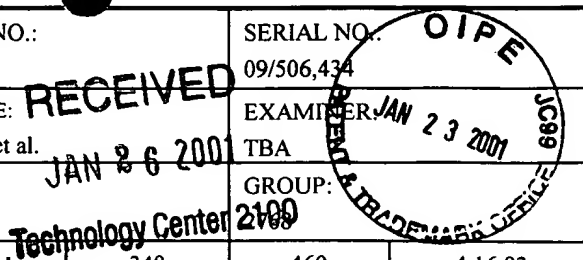
INVENTOR'S NAME:  
Ravi ACHARYA, et al.

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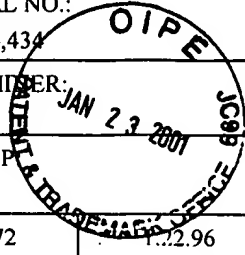
SERIAL NO.:  
09/506,434

EXAMINER:  
TBA

GROUP:



U71	5,523,794	6.4.96	Mankovitz, et al.	348	460	4.16.93
U72	5,535,147	7.9.96	Jacobs, et al.	364	705.07	6.5.95
U73	5,537,314	7.16.96	Kanter	364	406	2.23.95
U74	5,544,040	8.6.96	Gerbaulet	364	401 R	8.7.92
U75	5,550,734	8.27.96	Tarter, et al.	364	401	12.23.93
U76	5,551,021	8.27.96	Harada, et al.	395	600	7.25.94
U77	5,557,334	9.17.96	Legate	348	473	2.14.95
U78	5,566,330	10.15.96	Sheffield	395	600	2.23.95
U79	5,568,489	10.22.96	Yien, et al.	370	110.1	4.17.95
U80	5,592,378	1.7.97	Cameron, et al.	395	227	8.19.94
U81	5,594,493	1.14.97	Nemirofsky	348	13	1.19.94
U82	5,604,542	2.18.97	Dedrick	348	552	2.8.95
U83	5,621,201	4.15.97	Langhans, et al.	235	380	2.5.96
U84	5,649,117	7.15.97	Landry	395	240	6.3.94
U85	5,652,602	7.29.97	Fishman, et al.	345	156	5.8.95
U86	5,652,786	7.29.97	Rogers	379	91.01	5.16.96
U87	5,659,165	8.19.97	Jennings, et al.	235	379	7.24.95
U88	5,663,766	9.2.97	Sizer, li	348	473	1.25.96
U89	5,664,110	9.2.97	Green, et al.	705	26	12.8.94
U90	5,665,953	9.9.97	Mazzamuto, et al.	235	383	2.14.96
U91	5,677,955	10.14.97	Doggett, et al.	380	24	4.7.95
U92	5,679,938	10.21.97	Templeton, et al.	235	379	12.2.94
U93	5,679,940	10.21.97	Templeton, et al.	235	380	12.1.95
U94	5,692,132	11.25.97	Hogan	395	227	6.7.95
U95	5,699,528	12.16.97	Hogan	395	240	10.31.95
U96	5,703,344	12.30.97	Bezy, et al.	235	379	6.30.95
U97	5,708,422	1.13.98	Blonder, et al.	340	825.34	5.31.95
U98	5,715,298	2.3.98	Rogers	379	91.01	1.22.97
U99	5,715,314	2.3.98	Payne, et al.	380	24	10.24.94
U100	5,715,399	2.3.98	Bezos	395	227	5.30.95
U101	5,724,424	3.3.98	Gifford	380	24	11.29.95
U102	5,727,153	3.10.98	Powell	395	214	6.6.95
U103	5,727,249	3.10.98	Pollin	705	40	4.1.96
U104	5,728,998	3.17.98	Novis, et al.	235	380	3.29.96
U105	5,734,154	3.31.98	Jachimowicz, et al.	235	492	9.3.96
U106	5,736,727	4.7.98	Nakata, et al.	235	487	1.6.95

<b>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE</b> <b>(REV. 7-80) PATENT AND TRADEMARK OFFICE</b>  <b>LIST OF MATERIALS CITED BY APPLICANT</b>  (Use several sheets if necessary)				ATTY. DOCKET NO.: 47004.000059		SERIAL NO.: 09/506,434	
				INVENTOR'S NAME: Ravi ACHARYA, et al.		EXAMINER: TBA	
				FILING DATE: February 18, 2000		GROUP: 2768	
<div style="text-align: right;">  </div>							
	U107	5,744,789	4.28.98	Kashi	472	1.22.96	
	U108	5,751,953	5.12.98	Shiels, et al.	395	8.29.96	
	U109	5,763,862	6.9.98	Jachimowicz, et al.	380	6.24.96	
	U110	5,767,896	6.16.98	Nemirofsky	348	13	9.7.95
	U111	5,770,843	6.23.98	Rose, et al.	235	380	7.2.96
	U112	5,774,882	6.30.98	Keen, et al.	705	38	10.25.93
	U113	5,793,861	8.11.98	Haigh	379	266	6.11.96
	U114	5,794,221	8.11.98	Egendorf	705	40	7.7.95
	U115	5,802,498	9.1.98	Comesanas	705	34	1.11.96
	U116	5,804,806	9.8.98	Haddad, et al.	235	383	4.1.96
	U117	5,806,044	9.8.98	Powell	705	14	2.20.96
	U118	5,815,127	9.29.98	Jacobs, et al.	345	2	6.24.96
	U119	5,819,236	10.6.98	Josephson	705	35	6.12.95
	U120	5,826,241	10.20.98	Stein, et al.	705	26	9.16.94
	U121	5,826,245	10.20.98	Sandberg-Diment	705	44	3.20.95
	U122	5,832,460	11.3.98	Bednar, et al.	705	27	6.2.95
	U123	5,835,603	11.10.98	Coutts	380	49	9.23.96
	U124	5,852,812	12.22.98	Reeder	705	39	8.23.95
	U125	5,854,595	12.29.98	Williams	340	825.44	7.20.95
	U126	5,859,419	1.12.99	Wynn	235	487	9.28.95
	U127	5,864,609	1.26.99	Cross, et al.	379	115	9.11.95
	U128	5,870,155	2.9.99	Erlin	348	734	2.6.96
	U129	5,870,456	2.9.99	Rogers	379	91.01	10.7.97
	U130	5,870,721	2.9.99	Norris	705	38	10.15.96
	U131	5,873,072	2.16.99	Kight, et al.	705	40	1.13.95
	U132	5,880,452	3.9.99	Plesko	235	472	8.13.97
	U133	5,880,769	3.9.99	Nemirofsky, et al.	348	12	4.10.95
	U134	5,883,810	3.16.99	Franklin, et al.	364	479.02	9.24.97
	U135	5,884,288	3.16.99	Chang, et al.	705	40	12.9.96
	U136	5,903,881	5.11.99	Schrader, et al.	705	42	6.5.97
	U137	5,930,217	7.27.99	Kayanuma	369	59	11.9.98
	U138	5,940,811	8.17.99	Norris	705	38	10.15.96
	U139	5,943,656	8.24.99	Crooks, et al.	705	30	12.3.97
	U140	6,003,762	12.21.99	Hayashida, et al.	235	379	7.26.94
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLAS	TRANSLATION

<b>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE</b> <b>(REV. 7-80) PATENT AND TRADEMARK OFFICE</b>  <b>LIST OF MATERIALS CITED BY APPLICANT</b>  (Use several sheets if necessary)		ATTY. DOCKET NO.: 47004.000059		SERIAL NO.: 09/506,434	
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<b>OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>					
P1	eCharge; Friday, 12.3.99; ©1999 eCHARGE Corporation; All rights reserved.				
P2	"Dutch Software Concern Experiments with Electronic 'Cash' in Cyberspace"; by Kim A. Strassell, Staff Reporter; The Wall Street Journal; 1 page.				
EXAMINER		DATE CONSIDERED 7/27/01			
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